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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,868	07/23/2001	Theodore W. Watler	018684001310	4209

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EXAMINER

LY, NGHI H

ART UNIT	PAPER NUMBER
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2617

DATE MAILED: 04/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/911,868	Applicant(s) WATLER ET AL.	
	Examiner Nghi H. Ly	Art Unit 2686	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-20,24-42,46-63 and 87-105 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-20,24-42,46-63 and 87-105 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 July 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 01/17/06 has been entered.

Drawings

2. The informal drawings (filed 07/23/01) are not of sufficient quality to permit examination. Accordingly, replacement drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to this Office action. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

Applicant is given a TWO MONTH time period to submit new drawings in compliance with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). Failure to timely submit replacement drawing sheets will result in ABANDONMENT of the application.

Double Patenting

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the

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unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claims 2-20, 24-42, 46-63 and 87-105 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-44 of Watler et al (U.S. Patent No. 6,725,031). Although the conflicting claims are not identical, they are not patentably distinct from each other because:

Regarding claims 2, 24, 46 and 87, Watler (US 6,725,031) teaches a system for determining a charge (see claims 1 and 24) in connection within a data communication session (see claims 1 and 24), comprising: a wireless device capable of communicating with a network (see claim 2), and a data rating application residing in the wireless device (see claims 19-21), wherein the data rating application determines the actual charge in connection with the data communication session by selecting one or more rates (see claims 6, 19 and 20) and one or more units of measure applicable to the data communication session as determined by the type of data, the usage of data, the

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source of the data, the service level selected, the service level achieved and/or the connection method (see claims 4-7), wherein the units measure include the quality of bytes, quality of data packets and/or the connection involved in the communication (see claims 7 and 44).

Regarding claims 3, 25, 47 and 88, Watler (US 6,725,031) further teaches the wireless device is a mobile phone (see claim 2).

Regarding claims 4, 26, 48 and 89, Watler (US 6,725,031) further teaches the charge is based upon the quantity of bytes or data packets communicated (see claims 4-7).

Regarding claims 5, 27, 49 and 90, Watler (US 6,725,031) further teaches the charge includes flat rate for each connection (see claims 1 and 24).

Regarding claims 6, 28, 50 and 91, Watler (US 6,725,031) further teaches the data rating application is configured to update an account balance relating to the wireless device (see claims 15-17 and 26-28).

Regarding claims 7, 29, 51 and 92, Watler (US 6,725,031) further teaches the account balance resides in the wireless device (see claims 15-17 and 26-28).

Regarding claims 8, 30, 52 and 93, Watler (US 6,725,031) further teaches the account balance resides at a location external to the wireless device (see claims 15 and 26).

Regarding claims 9, 31, 53 and 94, Watler (US 6,725,031) further teaches the data rating application is configured to detect one of a plurality of events which takes place during the course of setting up the data communication session, wherein the

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event is indicative of the type of data, the usage of the data, the source of the data, the service level selected and/or the connection method wherein the origin of the event is either the network or the wireless device (see claims 4-7).

Regarding claims 10, 32, 54 and 95, Watler (US 6,725,031) further teaches the accounting application resides in the wireless device (see claims 15-17 and 26-28).

Regarding claims 11, 33, 55 and 96, Watler (US 6,725,031) further teaches the data rating application is configured to end determining the charge in connection with the data communication session (see claims 4-7) after detecting an end event which takes place during the course of the data communication session (see claims 18-20 and 29-31), and wherein the end event is originated by either the network or the wireless device to indicate that the data communication session has ended (see claims 20 and 31).

Regarding claims 12, 34 and 97, Watler (US 6,725,031) further teaches the data rating application resides on a smart card which is attachable to the wireless device (see claim 2, inherently teaches a smart card).

Regarding claims 13, 35, 56 and 98, Watler (US 6,725,031) further teaches the wireless device includes a plurality of additional applications residing therein (see claim 2), and wherein the data rating application is configured to select the applicable rates and units of measure based on which one of the plurality of additional applications residing in the wireless device (see claims 4-7) will be using data received by the wireless device during the data communication session (see claims 13 and 16).

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Regarding claims 14, 36, 57 and 99, Watler (US 6,725,031) further teaches the charge is based on usage of data received during the data communication session (see claims 4-6).

Regarding claims 15, 37, 58 and 100, Watler (US 6,725,031) further teaches the data received during the data communication session is a downloaded application, and wherein the charge is determined based on occurrence or duration of usage of the downloaded application (see claims 4-6).

Regarding claims 16, 38, 59 and 101, Watler (US 6,725,031) further teaches the charge is based on source of data received by the wireless device during the data communication session (see claims 4-6, 19, 20, 23, 24, 30, 31, 34 and 41-43).

Regarding claims 17, 39, 60 and 102, Watler (US 6,725,031) further teaches the charge is based on service level selected for the data communication session (see claims 4-6, 19, 20, 23, 24, 30, 31, 34 and 41-43).

Regarding claims 18, 40, 61 and 103, Watler (US 6,725,031) further teaches the service level selected relates to speed and/or accuracy of data transmission during the data communication session (see claims 13 and 39).

Regarding claims 19, 41, 62 and 104, Watler (US 6,725,031) further teaches the charge is based on service level achieved during the data communication session (see claims 12-14 and 38-40).

Regarding claims 20, 42, 63 and 105, Watler (US 6,725,031) further teaches the charge is based upon the connection method (see claims 4-6, 19, 20, 23, 24, 30, 31, 34 and 41-43).

Claim Rejections - 35 USC § 112

5. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. Claims 2, 6-8, 24, 28-30, 46, 50-52, 87 and 91-93 are rejected under 35

U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claims 2, 24, 46 and 87, the newly added in the claims recite "actual charge". Therefore, the claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claims 6-8, 28-30, 50-52 and 91-93 the newly added in the claims recite "account balance". Therefore, the claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 2-7, 9-20, 24-29, 31- 42, 46-51, 53-63, 87-92 and 94-105 are rejected under 35 U.S.C. 102(b) as being anticipated by Sainton et al (US 5,854,985).

Regarding claims 2, 24, 46 and 87, Sainton teaches a system for determining a charge (see Abstract) in connection within a data communication session (also see Abstract), comprising: a wireless device capable of communicating with a network (see Abstract and column 2, lines 6-25), and a data rating application residing in the wireless device (see fig.2, box 1 and column 10, lines 42-65), wherein the data rating application determines the actual charge in connection with the data communication session by selecting one or more rates (see column 2, lines 40-52, column 2, line 64 to column 3, line 3 and column 16, lines 27-55. In addition, applicant's specification fails to disclose "actual charge". Therefore, Sainton does indeed teach applicant's claimed limitation with a broadest reasonable of interpretation) and one or more units of measure applicable to the data communication session as determined by the type of data, the usage of data, the source of the data, the service level selected, the service level achieved and/or the connection method (see column 5, line 52 to column 6, line 14. In

addition, see column 2, lines 40-52, column 2, line 64 to column 3, line 3 and column 16, lines 27-55), wherein the units measure include the quality of bytes, quality of data packets and/or the connection involved in the communication (see column 17, lines 10-20).

Regarding claims 3, 25, 47 and 88, Sainton further teaches the wireless device is a mobile phone (see fig.4A and fig.4B).

Regarding claims 4, 26, 48 and 89, Sainton further teaches the charge is based upon the quantity of bytes or data packets communicated (see column 17, lines 1-20).

Regarding claims 5, 27, 49 and 90, Sainton further teaches the charge includes flat rate for each connection (see column 17, lines 20-57).

Regarding claims 6, 28, 50 and 91, Sainton further teaches the data rating application is configured to update an account balance relating to the wireless device (see column 18, lines 19-30. In addition, applicant's specification fails to disclose "account balance". Therefore, Sainton does indeed teach applicant's claimed limitation with a broadest reasonable of interpretation).

Regarding claims 7, 29, 51 and 92, Sainton further teaches the account balance resides in the wireless device (see column 18, lines 19-30. In addition, applicant's specification fails to disclose "account balance". Therefore, Sainton does indeed teach applicant's claimed limitation with a broadest reasonable of interpretation).

Regarding claims 9, 31, 53 and 94, Sainton further teaches the data rating application is configured to detect one of a plurality of events which takes place during the course of setting up the data communication session, wherein the event is indicative

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of the type of data, the usage of the data, the source of the data, the service level selected and/or the connection method wherein the origin of the event is either the network or the wireless device (see column 8, lines 28-41 and column 16, lines 28-54).

Regarding claims 10, 32, 54 and 95, Sainton further teaches the accounting application resides in the wireless device (see column 18, lines 19-30).

Regarding claims 11, 33, 55 and 96, Sainton further teaches the data rating application is configured to end determining the charge in connection with the data communication session (see column 2, lines 40-52 and column 14, lines 35-39) after detecting an end event which takes place during the course of the data communication session, and wherein the end event is originated by either the network or the wireless device to indicate that the data communication session has ended (see column 19, lines 24-25, column 20, lines 2-3 and column 20, lines 56-59).

Regarding claims 12, 34 and 97, Sainton further teaches the data rating application resides on a smart card which is attachable to the wireless device (see column 15, lines 7-31 and column 20, lines 39-47).

Regarding claims 13, 35, 56 and 98, Sainton further teaches the wireless device includes a plurality of additional applications residing therein (see column 3, lines 44-62), and wherein the data rating application is configured to select the applicable rates and units of measure based on which one of the plurality of additional applications residing in the wireless device (see column 3, lines 44-62) will be using data received by the wireless device during the data communication session (see column 17, lines 47-57).

Regarding claims 14, 36, 57 and 99, Sainton further teaches the charge is based on usage of data received during the data communication session (see column 17, lines 1-20).

Regarding claims 15, 37, 58 and 100, Sainton further teaches the data received during the data communication session is a downloaded application, and wherein the charge is determined based on occurrence or duration of usage of the downloaded application (see column 19, lines 59-64).

Regarding claims 16, 38, 59 and 101, Sainton further teaches the charge is based on source of data received by the wireless device during the data communication session (see column 17, lines 21-57).

Regarding claims 17, 39, 60 and 102, Sainton further teaches the charge is based on service level selected for the data communication session (see column 2, lines 40-52 and column 14, lines 35-39).

Regarding claims 18, 40, 61 and 103, Sainton further teaches the service level selected relates to speed and/or accuracy of data transmission during the data communication session (see Abstract, column 2, lines 40-52, column 2, line 64 to column 3, line 3).

Regarding claims 19, 41, 62 and 104, Sainton further teaches the charge is based on service level achieved during the data communication session (see column 2, lines 40-52 and column 14, lines 35-39).

Regarding claims 20, 42, 63 and 105, Sainton further teaches the charge is based upon the connection method (see column 17, lines 21-57).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

11. Claims 8, 30, 52 and 93 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sainton et al (US 5,854,985) in view of the Applicant's admitted prior art.

Regarding claims 8, 30, 52 and 93, Sinton teaches claim 6. Sinton does not specifically disclose the account balance resides at a location external to the wireless device.

The Applicant's admitted prior art teaches the account balance resides at a location external to the wireless device (see Applicant's background of the invention, pages 1-2. In addition, applicant's specification fails to disclose "account balance". Therefore, Sinton does indeed teach applicant's claimed limitation with a broadest reasonable of interpretation).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of the Applicant's admitted prior art into the system of Sinton in order to reduce the burden on the wireless communication device.

Response to Arguments

12. Applicant's arguments with respect to claims 2-20, 24-42, 46-63 and 87-105 have been considered but are moot in view of the new ground(s) of rejection.

On pages 16 and 17 of applicant's remarks, applicant argues that Sinton does not teach calculating actual data transmission charges within the wireless device.

The examiner, however, disagrees. Sinton does in deed teach calculating actual data transmission charges within the wireless device (see column 17, lines 12-46, see "*calculated*" and "*calculate score of:*". In addition, applicant's specification fails to disclose "actual data transmission charges". Therefore, Sinton does indeed teach applicant's claimed limitation with a broadest reasonable of interpretation).

Conclusion

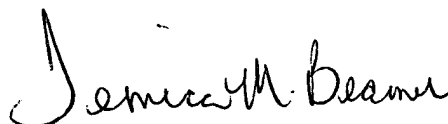
13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nghi H. Ly whose telephone number is (571) 272-7911. The examiner can normally be reached on 8:30 am-5:30 pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on (571) 272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nghi H. Ly


2/3/21/06


TEMICA BEAMER
PRIMARY EXAMINER
3/3/106